CIA DATA BASE
DOCUMENTATION REVIEW

APRIL 1982

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OVERVIEW

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PURPOSE

- o Consolidate information regarding major Agency data bases
- o Provide tools to assess data bases
- o Provide basis for future consolidation and possible development plans

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SCOPE

SURVEY

- MAJOR AND/OR SIGNIFICANT DATA BASES
- ESTABLISH SELECTION CRITERIA
- DEVELOP DATA COLLECTION FORM
- DATA COLLECTION THROUGH INTERVIEWS

AUTOMATED DATA BASE OF DATA BASES

- DESIGN AND IMPLEMENT DATA ENTRY (VM/RAMIS)
- DATA ENTRY
- REPORTING UNDER RAMIS

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APPROACH

- o Data base selection (IHSA)
- o Survey form development and guide
- o Individual interviews and follow-up (if needed)
- o Automated data base of results
- o Data entry
- o Review and report
- o Refinement

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DATA BASE SELECTION CRITERIA

- o IHSA SELECTION
- o DIRECT SUPPORT OF CRITICAL INTELLIGENCE FUNCTIONS
  - SENIOR AGENCY ATTENTION (DCI, DD, NIO, ETC.)
  - TOP LEVEL PRODUCTS (ESTIMATES, ETC.)
- o UTILIZATION BY WIDE RANGE OF USERS OR INTERCONNECTED
- o UTILIZATION BY 10 OR MORE COMPONENTS OR A FEW SENIOR USERS
- o OF UNIQUE VALUE
- o ANNUAL MAINTENANCE OF $100K OR TWO OR MORE INDIVIDUALS

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DATA COLLECTION

- o Survey form and guide
  - General information
  - Technical information
  - User information
- o Interview method
  - Structured
  - Standardized

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PRODUCTS

- o FINAL REPORT ON DATA BASE SURVEY AND RESULTS
- o ON-LINE FILE OF DATA BASES
  - VM
  - RAMIS FOR REPORTING

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GENERAL FINDINGS

- o Incomplete information on each data base
- o Some inaccurate information on each data base
- o Non-standard responses
- o Subjective responses

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GENERAL FINDINGS

- o GIM DATA BASES DEVELOPED BY ODP MOST COMMON DBMS
- o USER DEVELOPED VM/RAMIS COMBINATION DBMS NEXT
- o COST DATA GENERALLY NOT KNOWN AND DIFFICULT TO ASCERTAIN
- o TECHNICAL INFORMATION ON DBMS'S NOT KNOWN BY USERS (CALL ODP FOR HELP)

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SPECIFIC OBSERVATIONS

- o INFORMATION FLOW NOT READILY APPARENT
  - MUCH "MANUAL" INPUT
  - MUCH "UNDER THE TABLE" DATA ACQUISITION
  - SOME USERS UNAWARE OF SOURCES, NOT FOR SECURITY REASONS
- o ADMINISTRATIVE AND LARGER SYSTEMS BETTER DOCUMENTED
- o STRONG DEPENDENCE ON CONTINUITY OF KNOWLEDGE FREQUENTLY BROKEN
- o IGNORANCE OF LIKE OR SIMILAR DATA AND PROCESSES
- o SOME DIRECT OVERLAP-REGISTRIES FOR EXAMPLE

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STEPS TO COMPLETE

- o ACQUIRE MISSING DATA
- o VERIFY ACCURACY OF DATA
- o IMPROVE RELIABILITY OF DATA, SHARPEN DEFINTIONS
- o CONTINUE REPORTING S/W
- o DOCUMENT ADDITIONAL DATA BASES

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DESCRIPTION FOR RAMISII FILE DATABASE
03/12/82

LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	ACRONYM	DB	1	D	1	A	12
2	NAME		1	D	1	A	60
3	CURRENCY		1	D	1	I	4
4	PROTECTION	PROTECT	1	D	1	A	5
5	HIGH_CLAS	HC	1	D	1	A	30
6	FORM_CLAS	FC	1	D	1	A	30
7	DBMS_OR_SSS	DBMS	1	D	1	A	12
8	RESP_OFFICE	OFFICE	2	U	1	A	60
9	RESP_PERSON	ADMIN	2	U	1	A	30
10	RESP_PHONE	RPHONE	2	U	1	A	10
11	RESP_TYPE	RTYPE	2	U	1	A	1
12	STATUS		2	U	1	A	60
13	FIRST_USE	FIRST1	2	U	1	I	6
14	DATE_EXPLAIN	FIRST2	2	U	1	A	30
15	DEVELOPER		2	U	1	A	100
16	DEV_PHONE	DPHONE	2	U	1	A	10
17	DEV_TYPE	DTYPE	2	U	1	A	1
18	ACCESS_PROC	ACCESS	2	U	1	A	100
19	GEO_SCOPE	GEO	2	U	1	A	60
20	TIME_SPAN	TIME	2	U	1	A	60
21	UPDATE_PROC	UPROC	2	U	1	A	100
22	UPDATE_ELEM	UELEM	2	U	1	A	60
23	ARCHIVE_PROC	APROC	2	U	1	A	100
24	ARCHIVE_ELEM	AELEM	2	U	1	A	60
25	DESCRIPTION1	DESC1	2	U	1	A	130
26	DESCRIPTION2	DESC2	2	U	1	A	130
27	DESCRIPTION3	DESC3	2	U	1	A	130
28	DESCRIPTION4	DESC4	2	U	1	A	130
29	ANN_COST		2	U	1	I	6
30	TODATE_COST	TCOST	2	U	1	I	6
31	EXPLAIN_COST	ECOST	2	U	1	A	60
32	MANUALS		2	U	1	A	130
33	SIZE		2	U	1	I	9
34	GROWTH_RATE	GROWTH	2	U	1	A	100
35	STRUCTURE		2	U	1	A	60
36	DUMP_PROC	DUMP	2	U	1	A	130
37	ACCESS_METH	ACCESS	2	U	1	A	2
38	SING_MULT	SM	2	U	1	A	1
39	STOR_MEDIUM	MEDIUM	2	U	1	A	60
40	CHAR_CODE	CODE	2	U	1	A	8
41	CONVERSION		2	U	1	A	1
42	PROCESSOR	PROC	2	U	1	A	20
43	OP_SYS	SYS	2	U	1	A	20
44	USAGE		2	U	1	A	60
45	INCREASE_USE	UPUSE	2	U	1	A	60
46	UNIQUE		2	U	1	A	1

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DESCRIPTION FOR RAMISII FILE DBUPG
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	DATA_BASE	DB	1	D	1	A	12
2	UPGRADE	UP	1	D	1	A	130
3	DATE		1	D	1	I	6

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DESCRIPTION FOR RAMISII FILE DBSTD
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	DATA_BASE	DB	1	D	1	A	12
2	STANDARD	STD	1	D	1	A	40
3	HOW_USED	USE	1	D	1	A	100

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DESCRIPTION FOR RAMISII FILE DBDB
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	DATA_BASE1	DB1	1	D	1	A	12
2	DATA_BASE2	DB2	1	D	1	A	12
3	RELATION		1	D	1	A	130

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DESCRIPTION FOR RAMISII FILE DBUSER
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	DATA_BASE	DB	1	D	1	A	12
2	USER		1	D	1	A	100

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DESCRIPTION FOR RAMISII FILE DBELEM
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	DATA_BASE	DB	1	D	1	A	12
2	ELEMENT	EL	1	D	1	A	100

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DESCRIPTION FOR RAMISII FILE LIKINF
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	DATA_BASE	DB	1	D	1	A	12
2	LIKE_INFO	LI	1	D	1	A	100

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DESCRIPTION FOR RAMISII FILE USEINF
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	DATA_BASE	DB	1	D	1	A	12
2	USE_INFO	UI	1	D	1	A	100

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DESCRIPTION FOR RAMISII FILE DBPROD
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	DATA_BASE	DB	1	D	1	A	12
2	PRODUCT	PR	1	D	1	A	130

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DESCRIPTION FOR RAMISII FILE DBMS
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	DBMS_OR_SSS	DBMS	1	D	1	A	12
2	NAME		1	D	1	A	60
3	TYPE		1	D	1	A	50
4	RESP_OFFICE	OFFICE	1	D	1	A	60
5	RESP_PERSON	ADMIN	1	D	1	A	30
6	RESP_PHONE	PHONE	1	D	1	A	10
7	RESP_TYPE	RTYPE	1	D	1	A	1
8	REGION	K	1	D	1	I	8
9	DESCRIPTION1	DESC1	1	D	1	A	130
10	DESCRIPTION2	DESC2	1	D	1	A	130
11	MANUALS		1	D	1	A	130
12	DICTIONARY	DICT	1	D	1	A	1

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DESCRIPTION FOR RAMISII FILE STANDARD
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LIST	FIELDNAME	SYNONYM	LEVEL NAME	LEVEL TYPE	SEGMENT FACTOR	FORMAT	
1	STANDARD	STD	1	D	1	A	40
2	DESCRIPTION	DESC	1	D	1	A	130

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